

1 CLAIMS

2 1. A method of attachment of a coaxial cable to a coaxial connector comprising the
3 steps of:

- 4 a) inserting an end portion of said cable through a back nut of said connector, said
5 cable having an outer conductor;
6 b) flaring an end portion of said outer conductor, said cable having been inserted
7 through said back nut;
8 c) attaching said cable and said back nut to inner and outer terminals of said
9 connector, said cable having been inserted through said back nut; and
10 d) securing said end portion of said outer conductor between abutting faces of said
11 outer terminal and said back nut, said step of securing comprising axially
12 displacing said back nut towards said outer terminal.

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14 2. The method of Claim 1, further comprising the step of cleaning said end portion of
15 said outer conductor.

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17 3. The method of Claim 1, said cable having an insulating jacket, further comprising
18 the step of removing a portion of said insulating jacket from said end portion of said cable.

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20 4. The method of Claim 1, said cable having a dielectric, further comprising the step of
21 removing a portion of said dielectric from said end portion of said cable.

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23 5. The method of Claim 1, further comprising the step of fastening said back nut to said
24 outer terminal.

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26 6. The method of Claim 1, said step of flaring further comprising shaping said end
27 portion of said outer conductor to correspond said abutting faces of either said outer terminal or
28 said back nut, or a combination thereof.

- 1 7. A coaxial connector comprising:
2 an outer terminal having front and back opposing ends; and
3 a back nut releasably attachable to the back end of said outer terminal, and axially
4 displaceable with respect to said outer terminal,
5 said back nut and outer terminal including corresponding contact faces which are angled
6 and form a clamping site therebetween, said clamping site being tightened as said back nut is
7 axially displaced with respect to said outer terminal.
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9 8. The connector of Claim 7 wherein said clamping site is adapted for clamping a
10 portion of a cable conductor.
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12 9. The connector of Claim 8 wherein a mechanical connection between said cable and
13 said connector is established via said clamping site.
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15 10. The connector of Claim 8, wherein said cable is either corrugated or smooth.
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17 11. A coaxial connector comprising:
18 an outer terminal having front and back opposing ends;
19 a back nut releasably attachable to the back end of said outer terminal, and axially
20 displaceable with respect to said outer terminal; and
21 means for clamping a portion of a cable conductor, said means for clamping
22 consisting of
23 a contact face on said back nut,
24 a contact face on said outer terminal, said contact faces being angled and forming an
25 angled gap therebetween, wherein said gap decreases as said back nut is axially
26 displaced towards said outer terminal, and increases as said back nut is axially displaced
27 away from said outer terminal.
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